

CREATING OUR ENERGY FUTURE

Digital Orchestration of Renewable Power a.k.a VPP (Virtual Power Plant)





WHO WE ARE

35+ Years of Experience Corporate / Executive









Diverse Academic Background













Bringing Experience/Passion together









Well Established Networks







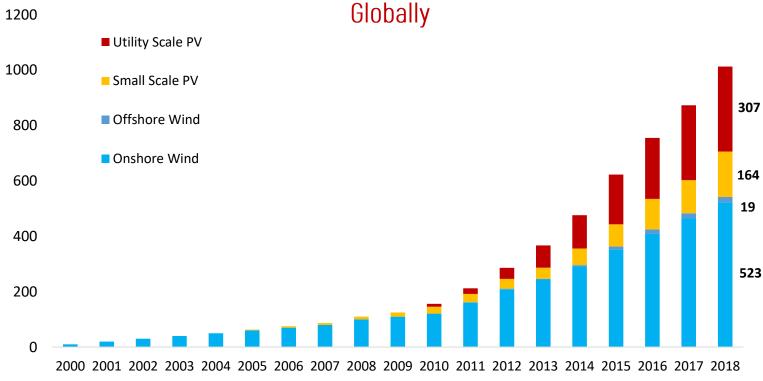






Renewable Energy and The Challenge!

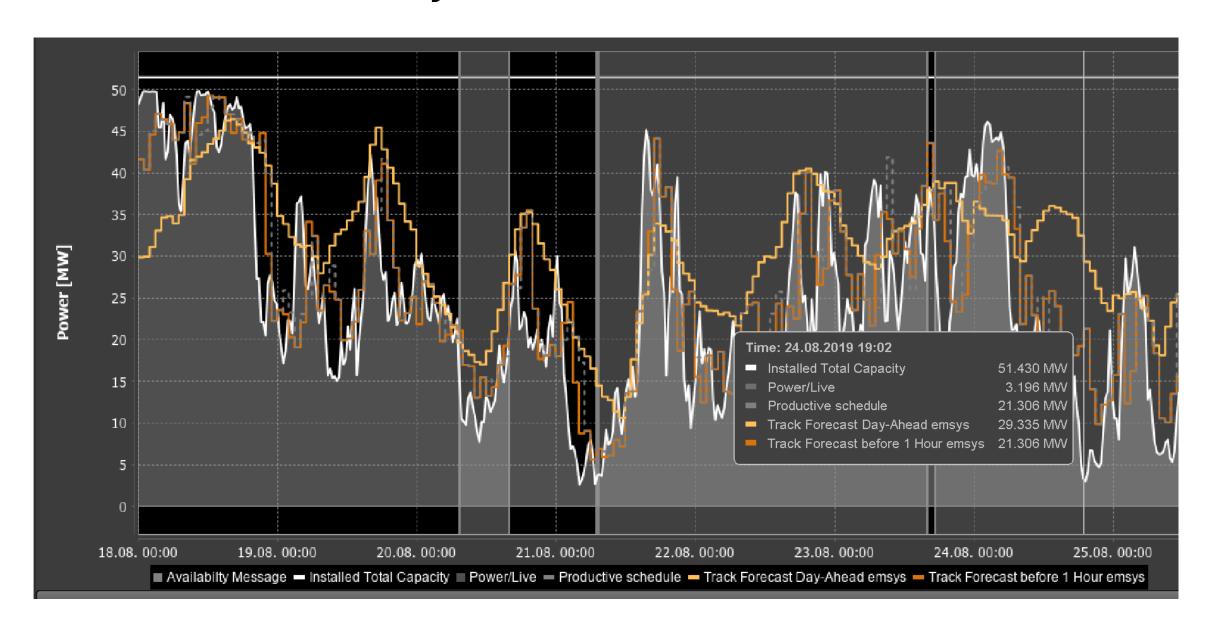
Annual Wind and Solar installations surpassed 1.000 GW



Source: Bloomberg New Energy Finance



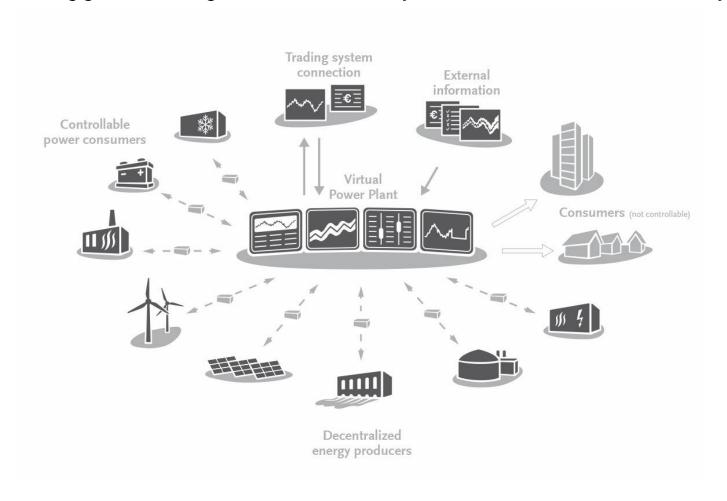
Volatility of Generation & Prices





VPP: Sypmphony of Data & Power

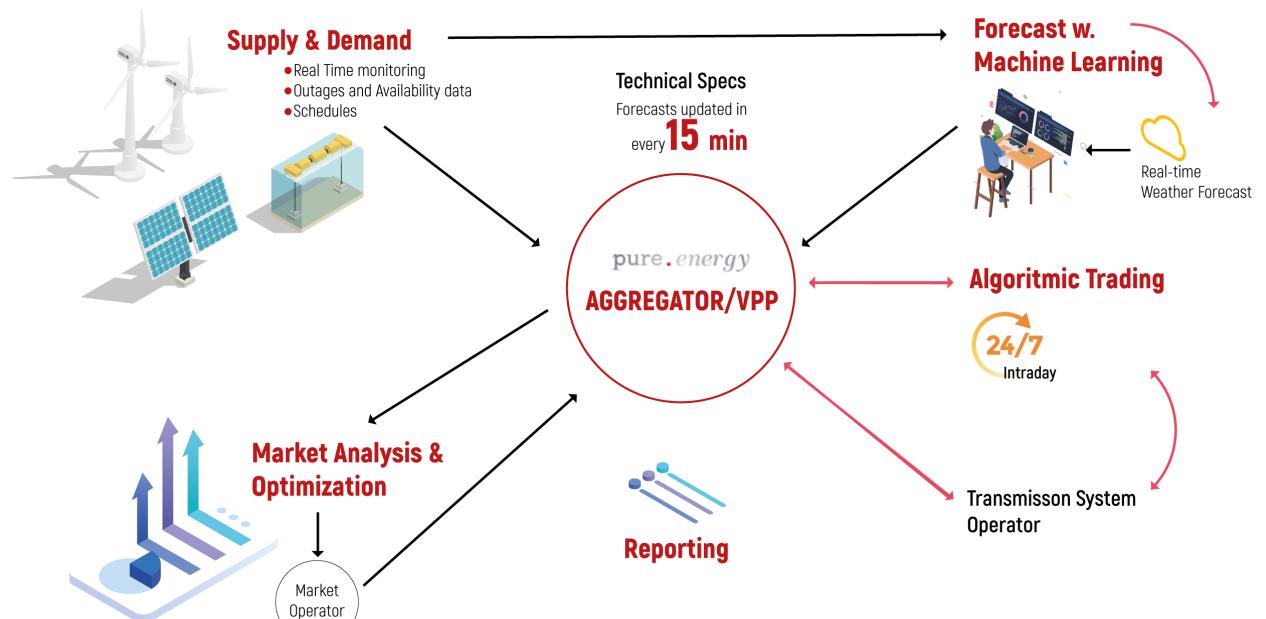
The biggest new generation utility of the world without any own asset, possible or myth?



- IoT Data Connectivity
- Real Time / Accurate and Reliable Data Flow
- Machine Learning Models
- Big Data
- Automated/Alghoritmic Trading
- Behavioral Economics
- Market Design & Structure/Needs

Search for the Optimum!

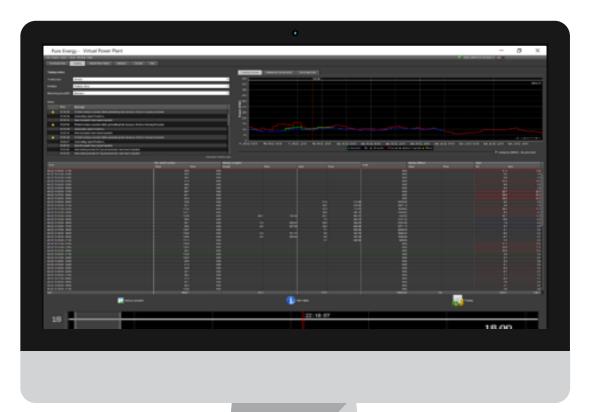






Pure VPP Platform / Dashboard







Renewable Energy and The Challenge!

1. Contribution to security of supply

- •Effective integration of renewable assets into the grid
- Reducing imbalances of renewables to avoid brownout/blackouts

2. Enabler for financial investors targeting renewable

- Handling trading operations
- •Well-balanced risk management on behalf of asset owners
- Long-term predictable cash-flow through secured unit price
- Opportunity to transfer operational costs & risks

3. Providing Operational Excellence for the Stakeholders

- •Concentration on a niche area for the sake of highest operational quality
- •Auto and Algorithmic Trading in Power Markets to avoid human errors
- •Center of excellence for renewable assets around the globe



WHAT IS NEXT?

Expansion of Virtual Power Plant business into new markets

Undertaking the balancing of a 1.200 MW renewable portfolio in Germany in Q4 2019 Exploring potential new markets such as UK, South Korea, India and Japan.

Developing Complimentary / Innovative Business' around the VPP

Aggregation of demand side energy management to the portfolio

Cooperation with a global telecom operator for digital retail business

Expansion of renewable energy credit business lead and entry into corporate renewable PPA business

pure. energy

trading & origination • virtual power plant • consulting

pure •
adjective \'pyur\

pure • energy \'pyur\ noun\ en·er·gy|\'e-ner-jē\

Having exactly the talents or skills needed for a particular role. Clean and not harmful in anyway. Free from harshness or roughness and being in tune.

Not mixed with anything else.

Usable power. Dynamic quality. The physical or mental strength that allows you to do things.

Ability to be active. The capacity of acting or being Vigorous exertion of power.